

IN THE CLAIMS

1. Cancelled.

2. (Currently Amended) The computer system as claimed in claim 13 wherein said SAN is connected to SANs in ~~either~~another computer system via a wide area network (WAN).

3. (Currently Amended) The computer system as claimed in claim 13 wherein, when a backup copy of data in the primary volume in a storage is made to a backup device in a non-disruptive manner, the secondary volume corresponding to the primary volume is created by internal functions in the relevant storage, copies are made from said primary volume to said secondary volume, the made copies are transferred to said backup device via said SAN without passing said LAN, and thereby backup is achieved.

4. (Currently Amended) A computer system comprising multiple client computers, multiple various servers, multiple various storages which keep data, a local area network (LAN) which connects said computers and said servers, a storage area network (SAN) which lies between said servers and said storages wherein:

~~wherein~~ said SAN forms a switched circuit network which is capable of connecting any said servers and any said storages through fiber channel switches, and

~~wherein~~ when a backup copy of data in the primary

*all cont*

volume in a storage is made to a backup device in a non-disruptive manner, the relevant storage has functions of receiving a volume split instruction from servers, functions of assuming as if data in the primary volume were kept in the secondary volume as it is at the time of the relevant instruction, and functions of making a backup copy from said secondary volume to a backup device.

5-12. Withdrawn.

*SUB B1*

13. (New) A computer system comprising multiple client computers, multiple various servers, multiple various storages which have multiple disk drives and keep data in said plurality of disk drives, a local area network (LAN) which connects said computers and said servers and, a storage area network (SAN) which lies between said servers and said storages wherein:


*AF*

said SAN forms a switched circuit network which is capable of connecting any said servers and any said storages through fiber channel switches, and said computer system comprising:

a terminal, which is connecting said LAN, which is equipped with operation and management software which performs storage management including management of logical volumes in said various storages, management of data arrangement such as moving data in one of said logical volumes to other of said logical volumes, management of error monitoring for said

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 various storages, management of setting up said fiber channel switches, and management of a backup operation for data in said storages.

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